



Technical Data Sheet

Agreseal

Product Description **Agreseal** is a deep penetrating, solvent based acrylic sealer that provides a glossy wet look to the aggregate. **Agreseal** is recommended as a two-coat system which will provide a durable surface, ideal for pedestrian and light vehicle traffic. **Agreseal** repels water and enhances aggregate and concrete colour, whilst protecting the surface against most stains such as grease and oil.

Agreseal Features:

- Improves surface performance of the concrete
- Enhances concrete and aggregate colours
- Helps protect against freeze/thaw damage
- Protects against most stains and many household chemicals
- Repels grease, oil and water
- Non-yellowing glossy wet look
- Low maintenance and improves cleaning
- Easily recoated

Safety Precautions: Observe all Occupation Health and Safety (OH&S) precautions. Refer to the relevant Safety Data Sheets (SDS) for product safety related information. For further information and support: **Nutech Paint 03 9770 3000**
www.nutechpaint.com.au

KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION.

- Vapours are heavier than air. Keep container closed.
- Use only with adequate ventilation.
- Avoid contact with eyes, skin and clothing.
- Wash thoroughly after handling.
- Avoid breathing vapours.
- DO NOT take internally.
- Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations

Provisions: DO NOT apply **Agreseal** late in the day as the risk of surface damage caused by dew and condensation increases. Sealer affected by moisture loses gloss and clear sealers may appear milky when dry. If bubbles appear due to air entrapment during application, scrubbing with a solvent wet broom the next day will repair any damage.

Chemical Type: Solvent based acrylic

Product Attributes Per Cent Volatiles: 80% (highly flammable)

Diluting Solvent: Solvent

Minimum/ Maximum Application Temp: 8°C - 30°C

Typical Applications Typical projects include:

Domestic & Multi Density Residential, Industrial and Commercial applications where exposed aggregate and excellent exterior durability are required.

Appearance Single pack clear colourless viscous liquid



Coverage / Spread Rate	3-5m ² /L Note: Coverage will depend on the porosity and roughness of the surface. To maximise performance do not over spread.
Packaging	20L
Storage	Cool, dry location. Avoid contact with direct sunlight and heat
Shelf life	Stored 24 months @ 25°C
Substrate Recommendations:	Agreseal can only be used on new and old exposed concrete aggregate and compatible sealed concrete aggregate surfaces The surface must be thoroughly dry before applying the first coat. If the surface is affected by white efflorescence, broom over with clean Pavecoat Thinners to dissolve and dissipate all salts prior to sealing.
NOTE	Soft or damaged surfaces SHOULD NOT be sealed without special surface treatment to stabilise and harden the concrete. Before applying Nutech Agreseal do not etch the concrete if there is an existing sealer Slip Hazard: Sealing of smooth and sloping concrete surfaces will increase the risk for pedestrian and vehicle safety. Refer Nutech AntiSlip Additive TDS for further information. Nutech Anti-Slip Additive will not be adequate on round pebble exposed aggregate on a steep and sloping surface. Refer to your Nutech specialist for alternative recommendations on steep, smooth surfaces.
Mixing/ Thinning	Prior to Commencement: Stir thoroughly prior to use. Maximum dilution: 50% Pavecoat Thinners
Test Patch	Conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and provide an indication of the amount of product required to complete the project.
Substrate note:	If inadequate sealer thickness is applied on new exposed aggregate, some efflorescence (salt whitening) may occur for a short period. This white powder can usually be washed off easily and should cease after several months. The application of one or two additional coats of Agreseal can prevent the appearance of white salts. Although Agreseal will prevent surface powdering of the concrete, sealers do not increase the hardness of the concrete surface.
Application	Brush, Roller, Airless Spray
Procedure:	Determine Surface Porosity It is important to assess surface porosity prior to sealing. This step will determine the first coat dilution of Agreseal . <ul style="list-style-type: none">• Measure 1 cup of fresh water and pour onto the dry surface• Observe water absorption noting absorption within 30 seconds



- If water pools or is slow to be absorbed, a second stronger solution of **Nu-EcoSafe Etch** or **Ultra Etch** will be required. (Refer etch mix ratios for Hardened or High MPa Concrete)

Non-porous surfaces (2 coats):

- **1st Coat:** Dilute up to 50% with **Pavecoat Thinners**
- **2nd Coat:** No Dilution required

Porous surfaces (2 Coats):

- No dilution required for both coats

Sealing New Exposed Aggregate Surfaces

If the surface is affected by white efflorescence, broom over with clean Pavecoat Thinners to dissolve and dissipate all salts before sealing.

Observe ambient application conditions noted in this TDS.

Avoid ponding or pooling.

Light mist spray or roller application technique will not ensure adequate surface penetration or long term coating performance.

REFER: APPLICATION PROCEDURE outlined in this TDS

Sealing & resealing existing exposed aggregate

Prior to commencement: Determine whether the existing Aggregate has been previously sealed. To determine an existing coating: Refer Nutech Coating Test Kit for detailed instructions or contact Nutech Paint.

- Uncoated existing/old exposed aggregate:

Thoroughly clean using **Nu-EcoSafe Degreaser**. Refer to the relevant TDS for further recommendations.

Etch uncoated surface with **Nu-EcoSafe Etch** or **Ultra Etch** as outlined in the relevant TDS.

Determine porosity as outlined in this TDS

REFER: APPLICATION PROCEDURE (new or existing /old uncoated aggregate) outlined in this TDS

- Compatible, previously sealed surfaces:

This surface will require reactivation to improve intercoat adhesion between compatible sealers.

Prior to reactivation, the existing exposed aggregate surface should be clean and free from lichen, moss, oil and other debris.

Refer to **Nu-EcoSafe Moss Rid** and/ or **Nu-EcoSafe Degreaser** TDS for further recommendations.

NOTE: In order to reactivate and aid adhesion of an existing compatible sealer, the use of **Reactivating Solvent** is recommended.

A test patch should be performed and assessed prior to sealing. Should the test patch fail, removal of the old sealer, acid etching and high pressure water cleaning will be required prior to applying Agreseal.



REFER: APPLICATION PROCEDURE (Compatible sealer)

- Very old, incompatible, delaminating & problem sealers:

- These types of coatings or sealers should be completely removed. Stripping with **Nu-EcoSafe Strip Industrial** (refer to the relevant TDS) is recommended. After coating removal, determine surface porosity and refer to Application Procedure (new or existing/old uncoated aggregate) in this TDS

Application Procedure (new or existing/old uncoated aggregate)

1st Coat: Dilute in accordance to surface porosity note

- Apply 1 even coat at a rate of 1 /3 – 5m²
- Observe recoat times as outlined in this TDS
- Avoid ponding or pooling

2nd Coat: Apply without solvent dilution in the same manner as the first coat.

- Apply 1 even coat at a rate of 1 /3 – 5m²
- Observe dry times as outlined in this TDS
- Avoid ponding or pooling

Note. Light mist spray or roller application technique will not ensure adequate surface penetration or long term coating performance.

Application Procedure (Compatible sealer)

1st Coat: Apply without solvent dilution

- Apply 1 even coat at a rate of 1 /3 – 5m²
- Observe recoat times as outlined in this TDS
- Avoid ponding or pooling

2nd Coat: Apply without solvent dilution in the same manner as the first coat.

- Apply 1 even coat at a rate of 1 /3 – 5m²
- Observe dry times as outlined in this TDS
- Avoid ponding or pooling

Drying Time

Touch Dry 30 minutes @ 25°C ambient conditions.

Recoat 1 hour @ 25°C ambient conditions.

Full Cure 7 Days

DO NOT park vehicles on newly applied Agreseal for at least 7 days

*Drying times will be extended in cooler temperatures or higher humidity



Clean Up Protecting Our Environment is important to Nutech Paints:
Clean up with **Pavecoat Thinners** away from drains. Do not pour leftover paint down the drain. Unwanted paint should be kept in a sealed container and then disposed of via special waste collection services.
Empty paint containers should be left open in a well-ventilated area to dry out. Dispose of empty paint containers in accordance with local authority's guidelines. Always check with your local council first.

First Aid **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate **Nutech Safety Data Sheet** (SDS) for further information.
For medical emergencies only, call: 000

- In case of eye contact, flush thoroughly with water for at least 15 minutes
- In case of skin contact, wash affected areas with soap and water
- Remove and wash contaminated clothing
- If inhalation causes physical discomfort, remove to fresh air
- If discomfort persists, or any breathing difficulty occurs or if swallowed, seek medical advice, or any breathing difficulty occurs or if swallowed seek medical advice.

Warranty Nutech warrants its products to be free from defects in material and workmanship. Nutech's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Nutech's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products.
Any claim under this Warranty must be made by Buyer to Nutech in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Nutech of such non-conformance as required herein shall bar Buyer from recovery under this Warranty. Nutech makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Nutech be liable for consequential or incidental damages.
Any recommendation or suggestion relating to the use of the products made by Nutech, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Limitation of Liability Nutech's liability on any claim of any kind, including claims based upon Nutech's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which gives rise to the claim. In no event shall Nutech be liable for consequential or incidental damages.

Disclaimer The information given on this data sheet is based on many years' experience and is correct to the best of our knowledge. However, since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.'

The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Nutech

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